



COPY OF PAPERS
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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Thomas L. Ritzdorf, Steve L. Eudy, Gregory J. Wilson, Paul R. McHugh, Robert A. Weaver, Brian Aegeuter, Curt Dundas and Steven L. Peace

Application No. : 09/902,491

Filed : July 9, 2001

For : METHODS AND APPARATUS FOR PROCESSING
MICROELECTRONIC WORKPIECES USING METROLOGY

Docket No. : 29195.8165US

(Client Ref. No.: P01-0044)

Commissioner for Patents
Washington, DC 20231

ELECTION UNDER 37 C.F.R. §§ 3.71 AND 3.73

AND POWER OF ATTORNEY

Sir:

The undersigned, being Assignee of the entire interest in the above-identified application by virtue of an Assignment filed concurrently herewith, a copy of which is enclosed, hereby elects under 37 C.F.R. § 3.71, to prosecute the application to the exclusion of the inventors.

Assignee hereby appoints JERRY A. RIEDINGER, Registration No. 30,582; MAURICE J. PIRIO, Registration No. 33,273; MICHAEL D. BROADDUS, Registration No. 41,637; CATHERINE HONG TRAN, Registration No. 43,960; ROBERT G. WOOLSTON, Registration No. 37,263; PAUL T. PARKER, Registration No. 38,264; JOHN M. WECHKIN, Registration No. 42,216; CHRISTOPHER DALEY-WATSON, Registration No. 34,807; STEVEN D. LAWRENZ, Registration No. 37,376; JAMES A.D. WHITE, Registration No. 43,985; EDWARD S. HOTCHKISS, Registration

No. 33,904; JAMES NICKELSON, Registration No. 46,140; and MARK A. THOMAS, Registration No. 37,953, all of Perkins Coie LLP, and HARRY M. CROSS, JR., Registration No. 22,229, as the principal attorneys with full power of substitution, association, and revocation to prosecute said application, to transact all business in the Patent and Trademark Office connected therewith, and to receive the letters patent therefor. Please direct all correspondence to Customer Number 25096.

Bar Code:



25096

PATENT TRADEMARK OFFICE

Pursuant to 37 C.F.R. § 3.73, the undersigned duly authorized designee of Assignee certifies that the evidentiary documents have been reviewed, specifically the Assignment to Semitool, Inc. filed concurrently herewith for recording, a copy of which is attached hereto, and certifies that to the best of my knowledge and belief, title remains in the name of the Assignee.

4/17/02
Date

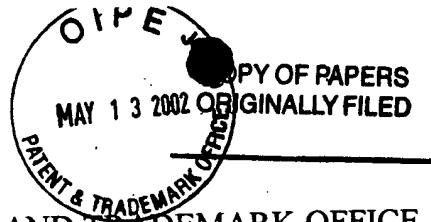
Semitool, Inc.

A handwritten signature in black ink, appearing to read "William A. Freeman".

William A. Freeman
Senior Vice President, Finance and CFO

Enclosure:

Copy of Assignment



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Thomas L. Ritzdorf,) Docket No.: 29195.8165US
Steve L. Eudy,) Semitool Number: P01-0044
Gregory J. Wilson,)
Paul R. McHugh,)
Robert A. Weaver,)
Brian Aegeuter,)
Curt Dundas and)
Steven L. Peace)
Application No.: 09/902,491)
Filed: July 9, 2001)
For:)
METHODS AND APPARATUS)
FOR PROCESSING)
MICROELECTRONIC)
WORKPIECES)
USING METROLOGY)

A S S I G N M E N T :

Enclosed for recording
 Previously recorded

Date: _____

Reel: _____

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to Semitool, Inc. (the "Assignee"), a corporation of Montana, having a place of business at 655 West Reserve Drive, Kalispell, Montana 59901, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed

in the application for United States Letters Patent, which was filed with the United States Patent and Trademark Office on July 9, 2001, and assigned Application No 09/902,491 and is entitled "**METHODS AND APPARATUS FOR PROCESSING MICROELECTRONIC WORKPIECES USING METROLOGY;**" which application is a continuation in part of U.S. Patent Application No. 09/612,176, filed July 8, 2000; U.S. Patent Application No. 09/733,608, filed December 8, 2000; U.S. Patent Application No. 09/866,463, filed May 24, 2001; and U.S. Patent Application No. 09/872,151, filed May 31, 2001; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States of America;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.



Thomas L. Ritzdorf

Date: 1/10/02

STATE OF MONTANA)

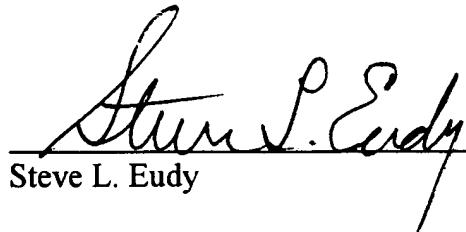
County of Livingston) ss.

BEFORE ME, this 10th day of Jan, 2002, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

SEAL

Notary or Consular Officer Nicole R. Pilk

My Commission Expires March 2004


Steve L. Eudy

Date: 1-10-02

STATE OF MONTANA)

County of Livingston) ss.

BEFORE ME, this 10th day of Jan, 2002, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

SEAL

Notary or Consular Officer Nicole R. Pilk

My Commission Expires March 2004

Gregory J. Wilson

Gregory J. Wilson

Date: 1/10/02

STATE OF MONTANA)

County of Flathead) ss.

BEFORE ME, this 10th day of Jan, 2002, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

SEAL

Notary or Consular Officer *Dick R. Pilk*

My Commission Expires March 2004

Paul R. McHugh

Paul R. McHugh

Date: 1/10/02

STATE OF MONTANA)

County of Flathead) ss.

BEFORE ME, this 10th day of Jan, 2002, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

SEAL

Notary or Consular Officer *Dick R. Pilk*

My Commission Expires March 2004

Robert A. Weaver

Date: 1/14/2002

Robert A. Weaver

STATE OF MONTANA)

County of Livingston) ss.

BEFORE ME, this 14th day of Jan, 2002 personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

SEAL

Notary or Consular Officer Dice R. Pike

My Commission Expires March 2004

Brian Aegeater

Date: 11 Jan 02

Brian Aegeater

STATE OF MONTANA)

County of Livingston) ss.

BEFORE ME, this 14th day of Jan, 2002 personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

SEAL

Notary or Consular Officer Dice R. Pike

My Commission Expires March 2004

Curt Dundas Date: April 25, 2002
Curt Dundas

STATE OF MONTANA)

) ss. REPUBLIC OF FRANCE CITY OF LYON }
CONSULATE OF THE UNITED STATES OF AMERICA } SS

County of _____)

BEFORE ME, this 25th day of April, 2002, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

SEAL

Notary or Consular Officer

My Commission Expires Cameron S. Thompson
Consul
of the United States of America

Date: _____

Steven L. Peace

STATE OF MONTANA)

) ss.

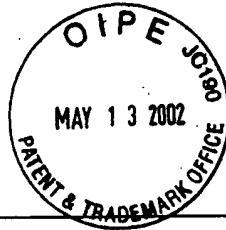
County of _____)

BEFORE ME, this _____ day of _____, 2001, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

SEAL

Notary or Consular Officer _____

My Commission Expires _____



COPY OF PAPERS
ORIGINALLY FILED

Date: _____

Curt Dundas

STATE OF MONTANA)

) ss.

County of _____)

BEFORE ME, this _____ day of _____, 2001, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

SEAL

Notary or Consular Officer _____

My Commission Expires _____

Steven L. Peace Date: 1/10/02

Steven L. Peace

STATE OF MONTANA)

) ss.

County of Flathead

BEFORE ME, this 10th day of May, 2001, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

SEAL

Notary or Consular Officer Dick E. Kile

My Commission Expires March 20, 04